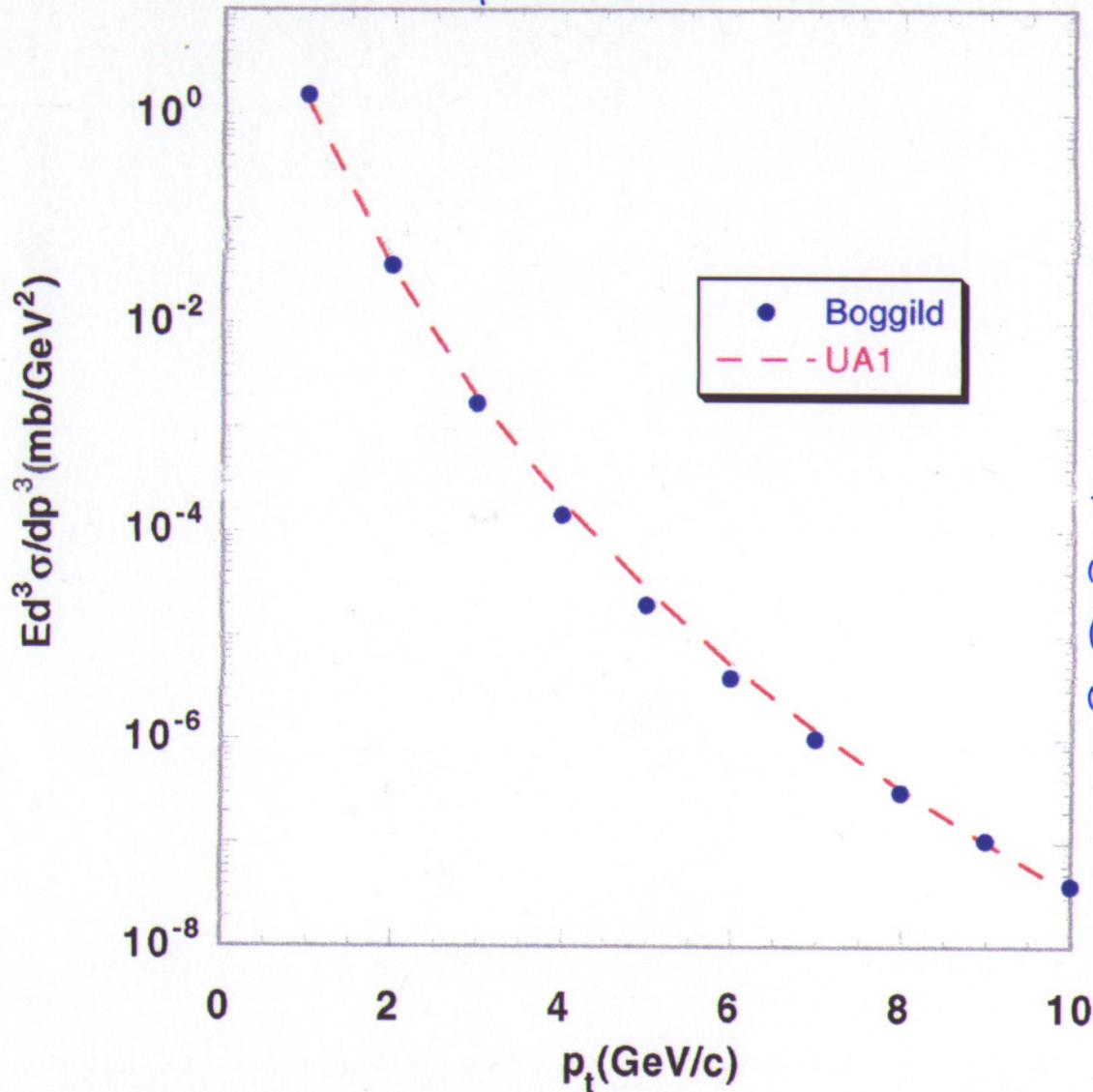


π and K production



previous PHENIX simulations based on $p\bar{p}$ interactions at $\sqrt{s} = 200$ GeV (Albajar et.al) with π production at $y \sim 0$

this calculation uses global parameterization (includes larger rapidities) of charged particle production for $7 < \sqrt{s} < 63$ GeV (Energy, rapidity + p_T parameterization + used for π and K)

Pion production from Boggild parameterizations and UA1 event generation, at $\sqrt{s} = 200$ GeV.

(good to a factor of 2-3)